

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERFIBRE ECONO**

Other name: None allocated

Recommended use: Synthetic fibres for improving physical properties of concrete in the plastic state.

Supplier: BASF Construction Chemicals Australia Pty Ltd. ABN 46 000 450 288
BASF New Zealand Ltd.

Address: 11 Stanton Road, Seven Hills, NSW, 2147 Australia
45 William Pickering Drive, Albany, Auckland, New Zealand

Telephone number: +61 2 8811 4200 +64 9 414 7233

Facsimile: +61 2 8811 3299 +64 9 414 7244

Emergency telephone number: +61 417 658 263

2. HAZARDS IDENTIFICATION

Hazard classification: NON-HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS
Not hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: None allocated

HSNO Classification: None

Risk phrase(s): None

Safety phrase(s): None

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Proportion</u> |
|----------------------|-------------------|-------------------|
| Polypropylene | 9003-07-0 | 100% |

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Lay patient down and rest.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical.

Hazards from combustion products: Oxides of carbon and other toxic fumes evolve in fires.

Precautions and equipment for fire fighters: None known.

Hazchem code: None allocated

6. ACCIDENTAL RELEASE MEASURES

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| <u>Methods and materials for containment and clean up:</u> | No special procedures are required for clean up of spills or leaks of this material. Avoid generating dust. Vacuum or sweep up and return for re-use or discard. |
| <u>Environmental precautions:</u> | Do not allow to enter into drains, sewers or waterways. |

7. HANDLING AND STORAGE

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| <u>Precautions for safe handling:</u> | No special precautions. |
| <u>Conditions for safe storage:</u> | Keep containers tightly closed; store under cool dry conditions. Store at 5°C – 35°C. Store away from strong oxidising agents. Store under cover and away from moisture. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| <u>Engineering Controls:</u> | Use in well-ventilated area. Avoid generating and inhaling fibres. |
| <u>Exposure Standards</u> | None applicable for this product. |
| <u>Personal Protective Equipment (PPE):</u> | |
| <u>Respiratory protection:</u> | Class P1 or dust mask. |
| <u>Glove type (AS2161):</u> | Nitrile rubber or PVC gauntlets. |
| <u>Eye protection:</u> | Chemical goggles or safety glasses with side shields. |
| <u>Clothing:</u> | No special clothing required but overalls or other suitable industrial clothing which provides full skin coverage are suggested as a general precaution, especially where heavy contamination is likely. |
| <u>Other:</u> | Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| <u>Appearance:</u> | Colourless fibres of varying lengths |
| <u>Odour:</u> | Odourless |
| <u>pH:</u> | Not applicable |
| <u>Explosion Limit:</u> | Not applicable |
| <u>Solubility in water:</u> | Insoluble |
| <u>Specific gravity:</u> | 0.9 g/cm ³ |
| <u>Melting point:</u> | approx. 166°C |
| <u>Flash point:</u> | Non-flammable |
| <u>Boiling point:</u> | Not applicable |

10. STABILITY AND REACTIVITY

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| <u>Chemical stability:</u> | Stable under normal storage and application temperature. |
| <u>Incompatible materials:</u> | Strong oxidising agents. |
| <u>Hazardous decomposition products:</u> | Oxides of carbon and other toxic fumes evolve in fire. |
| <u>Hazardous reactions:</u> | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

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| <u>Health Hazard Summary:</u> | Not a carcinogen, mutagen or teratogen. There have been no reports in the literature of health effects in workers arising from long-term exposure to this material and no comprehensive human studies have been conducted. |
| <u>Inhalation:</u> | May cause irritation to upper respiratory tract. |
| <u>Eyes:</u> | May cause irritation to eye. |
| <u>Skin contact:</u> | May cause irritation to skin. Does not absorb through skin. |
| <u>Ingestion:</u> | Material is biologically inert. May cause irritation to stomach. |
| <u>Toxicity Data:</u> | Not available. |

12. ECOLOGICAL INFORMATION

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| <u>Ecology:</u> | Do not discharge into drains, sewers or waterways. Degradability not determined. |
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13. DISPOSAL CONSIDERATIONS

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| <u>Disposal method and containers:</u> | Ensure containers are sealed. Dispose of material through a licensed waste contractor. Refer to Waste Management Authority. |
| <u>Special precautions (landfill/incineration):</u> | Normally suitable for disposal at approved land waste site. |

14. TRANSPORT INFORMATION

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| <u>UN number:</u> | None allocated |
| <u>UN proper shipping name:</u> | None allocated |
| <u>Dangerous goods class:</u> | None allocated |
| <u>Subsidiary risk:</u> | None allocated |
| <u>Packing group:</u> | None allocated |
| <u>Hazchem code:</u> | None allocated |

15. REGULATORY INFORMATION

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|-----------------------|---------------------|
| NICNAS / AICS: | Component is listed |
| Poisons Schedule: | Not Scheduled |
| HSNO Classifications: | None allocated |
| ERMA Group Standard: | None allocated |
| ERMA / NZIoC: | Component is listed |
| Tracking: | Not required |
| Approved Handler: | Not required |

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard



The Chemical Company

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003) and HSNO CoP 8-1 (September 2006)

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